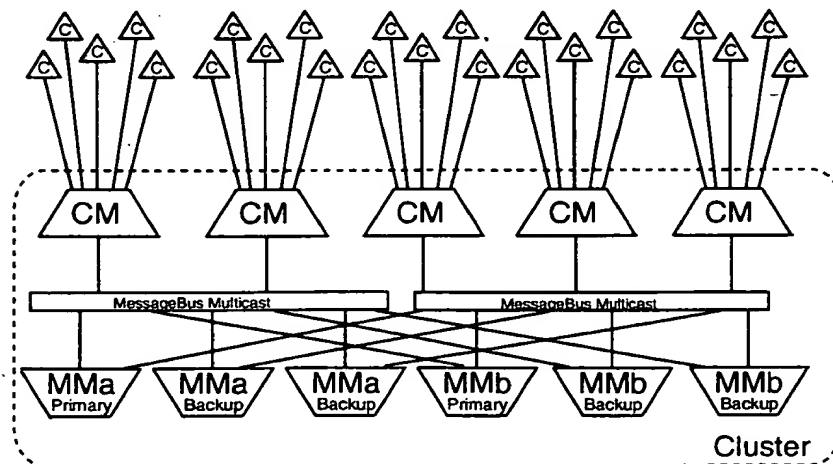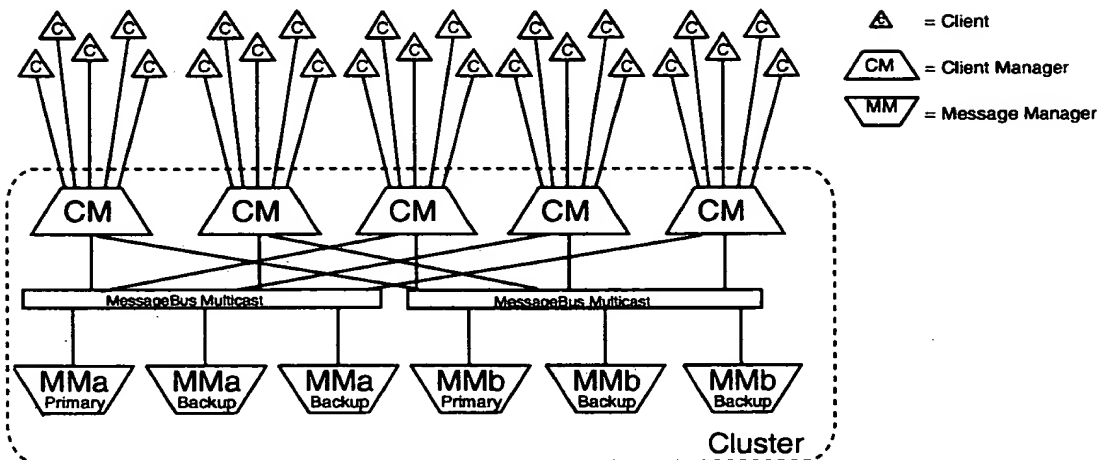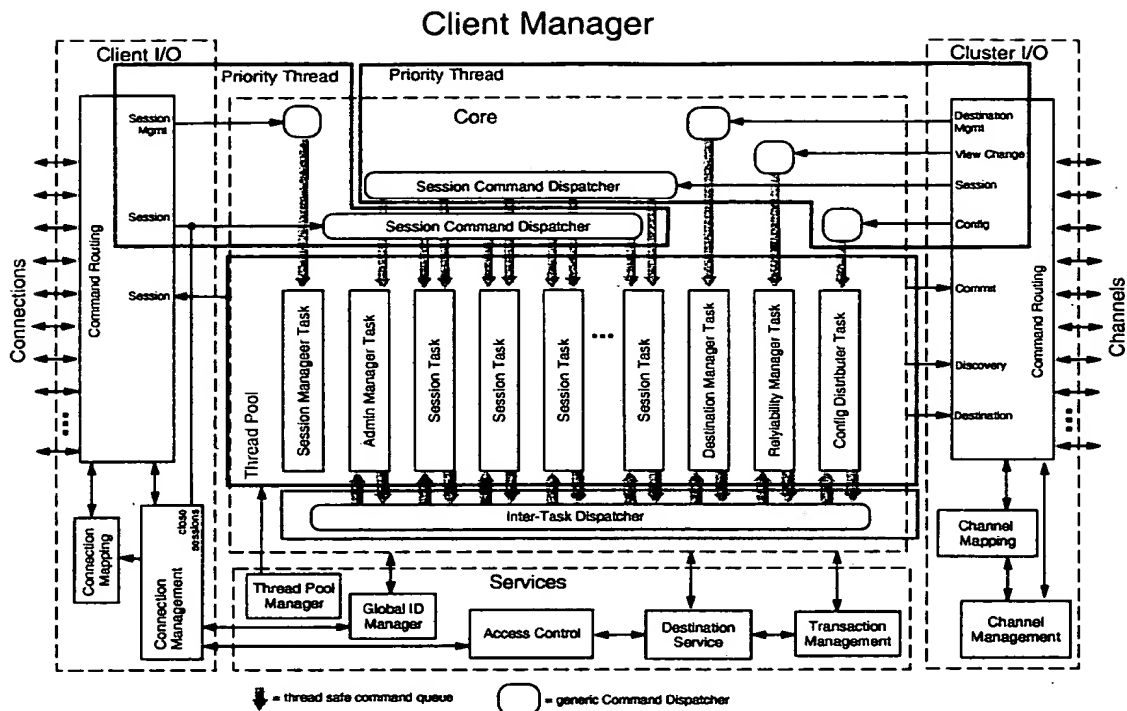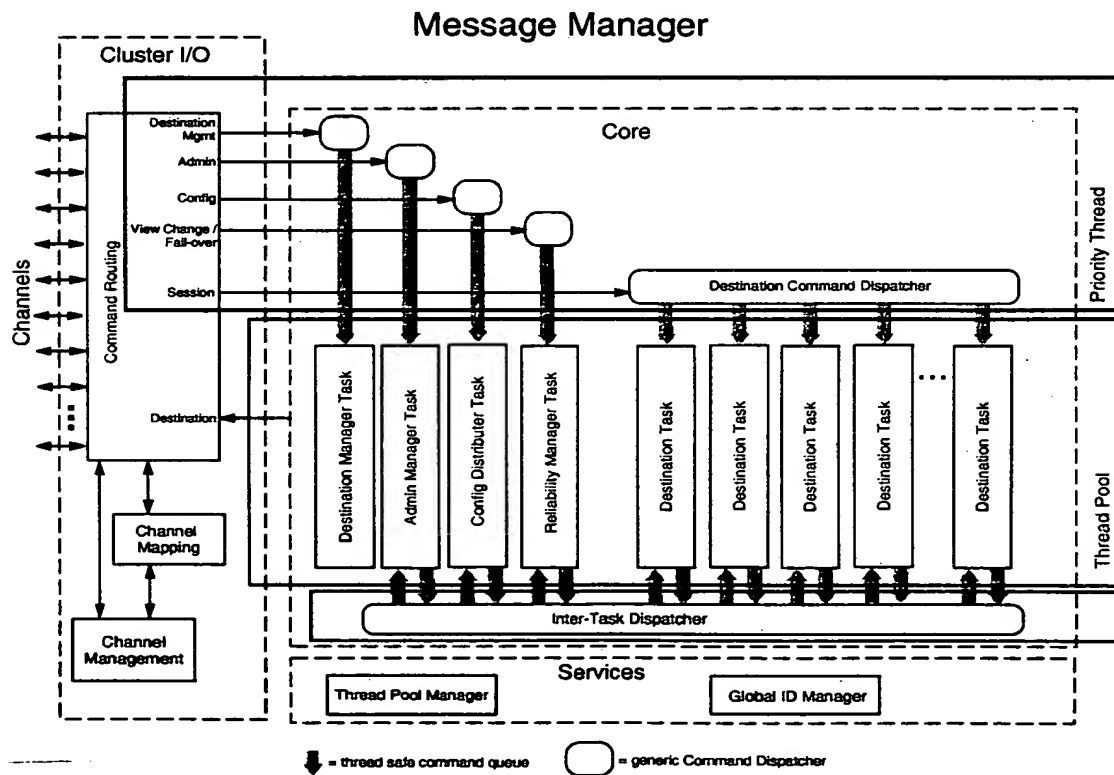**Drawing 1: Message System Diagram**

Drawing 2: Alternate Network Topologies

Client Manager

Drawing 3: Client Manager Architecture

Message Manager

Drawing 4: Message Manager Architecture